

ABSTRACT

Provided are a process for producing an acid addition salt of a 3-[4-(8-fluoro-5,11-dihydrobenz[b]oxepino[4,3-b]pyridin-11-ylidene)piperidino]propionic acid alkyl ester by reacting a 3-[4-(8-fluoro-5,11-dihydrobenz[b]oxepino[4,3-b]pyridin-11-ylidene)piperidino]propionic acid alkyl ester with an acid, and a process for producing 3-[4-(8-fluoro-5,11-dihydrobenz[b]oxepino[4,3-b]pyridin-11-ylidene)piperidino]propionic acid using the acid addition salt as an intermediate.

By using as an intermediate an acid addition salt of a 3-[4-(8-fluoro-5,11-dihydrobenz[b]oxepino[4,3-b]pyridin-11-ylidene)piperidino]propionic acid alkyl ester to produce 3-[4-(8-fluoro-5,11-dihydrobenz[b]oxepino[4,3-b]pyridin-11-ylidene)piperidino]propionic acid, the metals used in the synthetic reaction steps and the organic compounds mainly by-produced during production are readily separated from a reaction liquid by a simple procedure, and the by-products are sufficiently removed without using a purification step by chromatography, thereby enabling mass production and

enhancing production efficiency.